

ABSTRACT

A rotational position-adjusting system (6) for a vertical takeoff and landing aircraft (4). The system (6) includes multiple detectors (60) that generate rotor signals. The rotor signals are indicative of the position of each rotor (8) of the aircraft (4). The rotors (8) provide lift to the aircraft (4). A controller (24) is coupled to the detectors (60) and adjusts the rotational speed of one or more of the rotors (8) in response to the rotor signals.